

STM-ATM EXCHANGE

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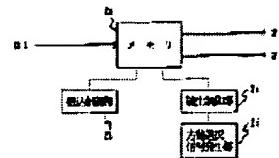
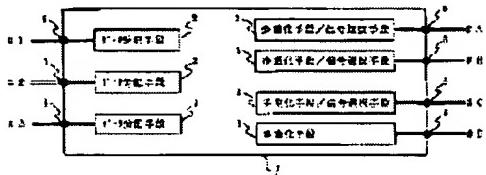
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Abstract of JP8149137

PURPOSE: To make an STM/ATM exchange low in cost and small in scale by applying time division multiplex processing to data sent from a fixed path and outputting the resulting data to an ATM highway so as to provide the technology realizing a connection section without use of a time switch and a spatial switch. CONSTITUTION: In the case of reception of data from an STM highway, a write control section 2b of a data distribution means 2 writes data to a memory 2a. Then a read control means 2c reads a signal written in the memory 2a according to a path selection signal outputted from a path selection signal generating section 2d and outputs the signal to an optional fixed path. Furthermore, an output section 6 accommodating plural fixed paths allows a multiplexer means 3 to apply time division multiplex processing to a signal group sent from the plural fixed paths and to output the resulting signal to the ATM highway. Thus, a connection part 1 is formed by the fixed paths to make the exchange small in scale and low in cost.



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